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(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTERPage 1 of 2Copy 52Attachment to Z-15104/83
NPIC/PEG (9/83)**112 G SUBMARINE**
SEVERODVINSK SHIPYARD 402, USSR

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1. **SIGNIFICANCE:** THE 112G SUBMARINE IS OBSERVED FOR THE FIRST TIME WITHOUT COMPLETE CANVAS COVER IN A FLOATING DRYDOCK (YFD) AND ADDITIONAL DETAILS CAN BE DISCERNED. (SWN)
2. **REMARKS:** THE 112G WAS TRANSPORTED FROM GORKIY SHIPYARD 112 [REDACTED] AND ARRIVED HERE [REDACTED] IN A LOW-WALLED TRANSPORTER DOCK (YRD). THE TRANSPORTER DOCK WITH THE 112G STILL INSIDE WAS PLACED INSIDE A YFD. SINCE [REDACTED] THE 112G HAS BEEN REMOVED FROM THE YRD AND HAS BEEN PLACED BACK IN THE YFD WHICH IS NOW AT THE EAST QUAY AT REPORTING POSITION 4. (SWN)

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THE 112G HAS AN OVERALL LENGTH OF APPROXIMATELY 107 METERS AND A BEAM OF APPROXIMATELY 13 METERS. THE BOW-TO-SAIL LENGTH IS APPROXIMATELY 40 METERS AND THE SAIL-TO-STERN LENGTH IS APPROXIMATELY 51 METERS. THE SUBMARINE'S OVERALL LENGTH IS VERY SIMILAR TO THAT OF THE V-III NUCLEAR-POWERED ATTACK SUBMARINE (SSN) WHICH IS 107 METERS. THE 112G SAIL, WHICH IS APPROXIMATELY 16 METERS LONG, IS SET JUST FORWARD OF AMIDSHIPS, APPROXIMATELY 6 METERS FURTHER AFT OF THE BOW THAN THE SAIL OF THE V-III SSN. THE WIDE BEAM OF THE 112G IS APPROXIMATELY 3 METERS WIDER THAN THAT OF THE V-III SSN AND MAY INDICATE A GREATER WEAPONS-CARRYING CAPABILITY OR AN ADVANCED REACTOR SYSTEM. A TEARDROP-SHAPED POD [REDACTED], WHICH HAD BEEN ON THE QUAY SINCE MID-AUGUST AND IS SIMILAR TO THE TOWED ARRAY SENSOR-RELATED PODS ON V-III SSN AND THE Y SSN, HAS PROBABLY BEEN INSTALLED ATOP THE UPPER RUDDER OF THE SUBMARINE. (SWN)

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TWO CIRCULAR OPENINGS [REDACTED] ARE DISCERNIBLE ON THE TOP OF THE SAIL/SAIL WORK PLATFORM ON THE 112G AND MAY BE ELECTRONICS ASSOCIATED. THE BOW OF THE SUBMARINE REMAINS DRAPED WITH CANVAS AND NO INDICATIONS OF OUTER HULL WEAPONS PORTS ARE DISCERNIBLE. THE AFT CONTROL SURFACES AND SCREW AREA APPEAR TO BE SCAFFOLDED/CANVAS COVERED. (SWN)

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PREVIOUS IMAGERY OF LENINGRAD SHIPYARD ADMIRALTY 194
[REDACTED] HAD SUGGESTED FOR SOME TIME THAT A SUBMARINE OF
GREATER BEAM THAN THE V-III (AT LEAST 1 METER GREATER) WOULD BE
LAUNCHED FROM LENINGRAD. SINCE GORKIY WAS THE LEAD PRODUCTION
YARD FOR V-II SSN (A SMALLER SUBMARINE) BEFORE CONSTRUCTION
STARTED IN LENINGRAD, A SIMILAR PROGRAM MAY BE INDICATED. (SWN)

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3. [REDACTED] COORDINATES 64-34-38N 039-48-32E

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